

Title (en)
ULTRASOUND TRANSDUCER AND SYSTEM FOR SKIN TREATMENTS

Title (de)
ULTRASCHALLWANDLER UND SYSTEM FÜR HAUTBEHANDLUNGEN

Title (fr)
TRANSDUCTEUR ULTRASONORE ET SYSTÈME POUR LE TRAITEMENT DE LA PEAU

Publication
EP 3946113 A4 20221228 (EN)

Application
EP 20776371 A 20200326

Priority
• US 201962824503 P 20190327
• IL 2020050368 W 20200326

Abstract (en)
[origin: WO2020194312A1] A method for treating skin, including: delivering one or more pulses of non-converging ultrasonic energy through a surface area size in a range of 3 mm² - 7 mm², wherein each pulse having an intensity in a range of 5 W/cm² - 60 W/cm² and a time duration in which the ultrasonic energy is actively transmitted in a range of 1-10 seconds per pulse, wherein the non-converging ultrasonic energy is delivered from a fixed position to one or more skin regions having a maximal surface area size in a range of 5 cm²- 100 cm².

IPC 8 full level
A61B 18/12 (2006.01); **A61N 7/00** (2006.01); **A61N 7/02** (2006.01); **A61B 34/20** (2016.01); **A61B 90/00** (2016.01); **A61F 7/00** (2006.01)

CPC (source: EP KR US)
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A61B 2018/00458 (2013.01 - US); **A61B 2018/00738** (2013.01 - US); **A61B 2018/0237** (2013.01 - US); **A61B 2034/2055** (2016.02 - EP);
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A61F 2007/0075 (2013.01 - EP KR); **A61F 2007/0086** (2013.01 - KR); **A61F 2007/0087** (2013.01 - EP KR); **A61N 2007/0034** (2013.01 - EP KR);
A61N 2007/0073 (2013.01 - KR); **A61N 2007/0078** (2013.01 - EP KR); **A61N 2007/0086** (2013.01 - KR); **A61N 2007/0095** (2013.01 - KR);
A61N 2007/025 (2013.01 - KR)

Citation (search report)
• [XYI] WO 2017212489 A2 20171214 - ARCHIMEDUS MEDICAL LTD [IL]
• [A] US 2015217141 A1 20150806 - BARTHE PETER G [US], et al
• [Y] KR 20180107832 A 20181004 - HIRONIC CO LTD [KR]
• See also references of WO 2020194312A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2020194312 A1 20201001; AU 2020247622 A1 20211125; CN 113924055 A 20220111; EP 3946113 A1 20220209;
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